

CLAIMS

I claim:

- 5 1. A water-based air filter system comprising:
a support base;
a tank being disposed in said support base and being at least
partially-filled with water and having an inlet hole being disposed
through a wall thereof, and also having an outlet hole being
10 disposed through said wall thereof;
an air inlet spout being extended through said inlet hole and
into the water in said tank;
an air outlet spout being extended through said outlet hole
and being extended from said tank; and
15 an outside air suction assembly being mounted upon said
support base and being connected to said air inlet spout for drawing
polluted air into the water in said tank.
- 20 2. A water-based air filter system as described in claim 1,
wherein said outside air suction assembly includes an air duct
member being mounted to said support base, and also includes a fan
assembly being disposed in said air duct member for drawing air
into said air duct member, and further includes a suction pump
assembly being attached to said air duct member for circulating the
25 air drawn into said air duct member through the water in said tank.
- 30 3. A water-based air filter system as described in claim 2,
wherein said air duct member includes an enlarged inlet portion
having an inlet opening being disposed in an end wall thereof; and
also includes an outlet portion having outlet openings being
disposed through a side wall thereof, and also having an outlet port

being disposed through an end wall thereof, said air inlet spout being disposed through said outlet port and through one of said outlet openings.

5 4. A water-based air filter system as described in claim 3, wherein said fan assembly includes a fan motor having a rotating shaft and being adapted to be connected to a power source, and also includes fan blades being radially attached to said shaft and being disposed in said inlet opening to draw air from the outside into said
10 air duct member.

 5. A water-based air filter system as described in claim 4, wherein said pump assembly includes a funnel-shaped air chute being disposed in said outlet portion of said air duct member and
15 being extended through one of said outlet openings, and also includes a pump member being connected to said funnel-shaped air chute, and further includes a pump motor being attached to said pump member and being adapted to be energized by a power source for energizing said pump member to circulate air drawn into said
20 air duct member into the water contained in said tank with the water filtering out the pollutants in the air being drawn through the air duct member and clean air being expelled from said tank through said air outlet spout.

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